On page 1, please insert before line 4 the following:

CROSS REFERENCE TO RELATED APPLICATIONS

This application is a divisional application of U.S. patent application No. 09/412,158, filed October 5, 1999, which is a continuation of U.S. patent application No. 09/112,078, filed July 8, 1998, now U.S. Patent No. 6,009,432.

Please replace the table at page 28, lines 11-18, with the following:

Row #	S#	P#	J#	QTY
0000	1/0	0/3	1/0	0/2
0001	1/1	0/0	0/0	0/0
0002	3/0	1/0	2/0	2/0
0003	2/0	0/2	1/1	2/2
0004	0/0	0/1	1/2	1/0
0005	3/1	1/1	3/0	2/1
0006	4/0	0/4	2/1	0/1

Please replace the table at page 28, lines 19-26, with the following:

Row #	S#	P#	J#	QTY
0000	1/0	0/2	0/0	0/2
0001	1/1	0/1	1/0	0/0
0002	3/0	1/1	1/1	2/0
0003	2/0	0/4	1/2	2/2
0004	0/0	0/0	2/0	1/0
0005	3/1	1/0	2/1	2/1
0006	4/0	0/3	3/0	0/1

Please revise the paragraph starting on page 78, line 19, as follows:

Combination with the query methods discussed above enables implementation of a full range of statements like SQL's "SELECT ... FROM ... WHERE ...."

Please revise the Abstract as follows:

A computer-implemented database and method providing an efficient, ordered reduced space representation of multi-dimensional data. The data values for each attribute ~~is~~ are stored in a manner that provides an advantage in, for example, space usage and/or speed of access, such as in ~~sort order and/or~~ condensed form and/or sort form. Instances of each

data value for an attribute are identified by instance elements, each of which is associated with one data value. Connectivity information is provided for each instance element that uniquely associates each instance element with a specific instance of a data value for another attribute.

3